

TECHNICAL DATA:■ **Stimulation current**

Output max:
75 mA / 500 ohms per channel,
G = 25 mA / 500 ohms
Power consumption: 75 W
Rated voltage: 230 V +/- 10 %
Class: 1, Type BF
Dimensions: 345 x 133 x 348 mm
Weight: 5,5 kg

■ **Ultrasound**

Output:
max. 3 W/cm² at 1 MHz,
max. 1,0 W/cm² at 3 MHz

ACCESSORIES (STANDARD):

1 Accessory tray
4 Flexo-electrodes EF50,
2xEF10 incl. viscose covers
4 Velcro straps 2x80, 2x125 cm
1 Patient lead
1 Manual release key
1 Transducer, optionally
5 cm² / 2,5 cm²
1 Bottle of ultrasound gel
1 Operating Manual
1 Mains cable
1 Stimulation current therapy
booklet
1 Ultrasound therapy booklet

ACCESSORIES (SPECIAL):

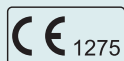
additional transducer,
optionally 5 cm² / 2,5 cm²
Trolley *Expert*

OTHER ACCESSORIES:

see List of Accessories

PHYSIOMED instruments comply with the latest safety standards and the provisions of the Medical Devices Act. They are manufactured as per the current standards of quality assurance, have passed a type test and feature the statutory CE mark pursuant to Directive 93/42.

ISO 9001

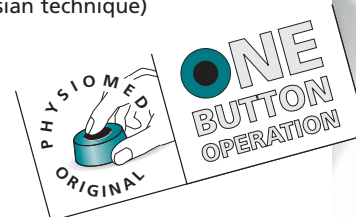


MADE IN GERMANY

I O N O S O N - I F - E x p e r t

THE COMBINATION UNIT FEATURING

- 1+3 MHz ULTRASOUND
- IF classic Interferential Current
- AMF two-pole medium-frequency current
- MT medium-frequency muscle training and KOTS (Russian technique)
- TENS and HV



PHYSIOMED®
ELEKTROMEDIZIN

IONOSON-IF-Expert – An Imposing Design and LCD **Comfort Display** for especially good transparency and user-friendly operation.

■ **STIMULATION CURRENT AND ULTRASOUND**

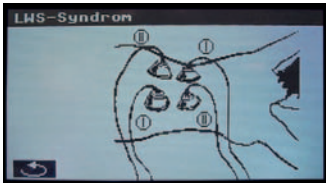
Separate or **simultaneous treatment**. An extensive **Indications Index** for accessing therapy optionally via a treatment proposal for ultrasound, stimulation current and simultaneous treatment.

Individual Program Memories: easily programmed and called, for frequently used standard treatment programs.

■ **ULTRASOUND**

Two frequencies in both transducers: the small (2,5 cm²) as well as the large (5 cm²) transducer operate in the **frequencies 1 and 3 MHz**. The ergonomic high-grade steel transducers offer the highest possible safety for ultrasound output and are watertight.

Treatment proposals
incl. images
depicting the
electrode placement.



Continuous and pulsed ultrasound output.

Duty cycles:

MODE	Pulse	Pause	Graphics
1/10	1 ms	9 ms	
1/5	2 ms	8 ms	
1/3	3,3 ms	6,6 ms	
2/5	4 ms	6 ms	
cont.	- continuous -	-	

Coupling control: optical on unit and ultrasound probe, as well as acoustic.

■ **STIMULATION CURRENT**

Flexibility of treatment by virtue of **two independent channels** with provision for setting individual intensities. For concomitant treatment of two treatment areas of different sensitivity or of two patients with different currents: e.g. channel I -> **TENS**, channel II -> **AMF**.

Potpourris: Current sequence (e.g. 1. **TENS** = 5 min; 2. **HV** = 3 min, 3. **AMF** = 4 min) according to previously defined parameters.

TYPES OF CURRENT:

MEDIUM-FREQUENCY

IF **Classical interferential current**
Basic frequency 2-9,5 kHz
Modulation frequency 0-250 Hz
Frequency bands 0-250 Hz arbitrary
Vector function

AMF **bipolar interferential current**
Basic frequency 2 kHz-9.5 kHz;
Modulation frequency 0-250 Hz;
Frequency bands 0-250 Hz arbitrary;
Two-channel AMF

MT **(Medium-frequency muscle stimulation)**
Basic frequency 2-9,5 kHz; Modulation frequency 0-125 Hz; contraction 1-60 s, pause 1-60 s; Two-channel MT: alternating/parallel stimulation

KOTS **(Russian Technique)**
Basic frequency 2-9,5 kHz;
T= 2, 4, 6, 10 ms, auto;
Modulations: sinus, tringular, rectangular;
Modulation frequency 0-125 Hz; contraction 1-60 s, pause 1-60 s; Two-channel KOTS: alternating/parallel stimulation

LOW-FREQUENCY

G "real" Galvanic current and medium-frequency interrupted direct current (Iontophoresis)

HV High voltage current 1-200 Hz; 2 Frequency bands; Bursts 1-10 Hz;
TENS 1-200 Hz; 2 Frequency bands; Bursts 1-10 Hz



- Therapy unit incl.**
- Trolley
 - Accessory tray
 - Combination unit IONOSON-Expert
 - Vacuum application unit PHYSIOVAC-Expert

TECHNOLOGY FOR THERAPY

PHYSIOMED ELEKTROMEDIZIN AG
Hutweide 10
D-91220 Schnaittach/Laipersdorf
Germany

Tel.: +49(0)91 26/25 87-0
Fax: +49(0)91 26/25 87-25
E-mail: info@physiomed.de
Web: www.physiomed.de